

REMARKS

This Amendment is in response to the Office Action of May 16, 2006. In the Office Action, Claims 1-25 were indicated as pending and rejected. The action was made FINAL. With this Amendment, Claims 1, 12, 22 are amended, and Claims 1-25 are presented for reconsideration and allowance.

Rejections under 35 USC 103

Claims 1-25 were rejected under 35 USC 103(a) over Hosoi et al. With this Amendment, independent Claims 1, 12 and 22 are amended to include limitations to "wherein the function of the comparing comprises a statistical process control function so that the stored setting changes in response to shifts in average density." This feature is not taught or suggested by Hosoi. It would not have been obvious at the time of the invention to include such a statistical process control function to control average density in a production environment so that there is a real time shift in pressure that tracks a real time shift in density which has been brought under automatic control. With this Amendment, Claims 1-15 are believed to be allowable over the art cited. The additional limitations of the dependent claims, when taken in combination with the limitations of the amended independent claims, are also believed to be patentable. Withdrawal of the rejection under 35 USC 103 and allowance of Claims 1-25 are therefore requested.

With this Amendment, the application appears to be in condition for allowance, and favorable action is requested. The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123.

Respectfully submitted,

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